

VACCINE COMPOSITION INDUCING IMMUNITY RESPONSE TO N-GLYCOLYLATED GANGLIOSIDE AND ITS USE IN TREATMENT OF CANCER

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Inventor: RORANDO PERETSU RODORIGETSU; RUISU ENRIKE FUERUNANDETSU MOR; GIRUDA MARUKUINA RODORIGETSU; ADORIANA KAA PERETSU; OSUKAA GONZARO BARIENTE HERUNA
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Abstract of JP8053366

PURPOSE: To obtain the subject composition containing an N-glycosylated ganglioside (derivative), as necessary, coupled to a specific carrier, the corresponding oligosaccharide and a proper adjuvant and useful for preventing and treating breast cancer. **CONSTITUTION:** This composition contains an N-glycosylated ganglioside (derivative), as necessary, coupled by (non)covalent bonding to a carrier comprising a (conjugated)protein (e.g. a protein containing monoclonal antibody or a conjugated protein containing outer membrane of *Neisseria meningitidis*) [e.g. N- glucosyl GM3 (NGcGM3)], the corresponding oligosaccharide (e.g. NGcGM3 oligosaccharide) and a proper adjuvant (e.g. monoclonal antibody such as P3 or an adjuvant comprising an aluminum salt and derived from natural).

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